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Knight, David M.
Siegel, Scott

<120> Anti-TNF Antibodies and Peptides of
Human Tumor Necrosis Factor

<130> 0975.1005-008

<140> US 09/756,301
<141> 2001-01-08

<150> U.S. 09/133,119
<151> 1998-08-12

<150> U.S. 08/570,674
<151> 1995-12-11

<150> U.S. 08/324,799
<151> 1994-10-18

<150> U.S. 08/192,102
<151> 1994-02-04

<150> U.S. 08/192,861
<151> 1994-02-04

<150> U.S. 08/192,093
<151> 1994-02-04

<150> U.S. 08/010,406
<151> 1993-01-29

<150> U.S. 08/013,413
<151> 1993-02-02

<150> U.S. 07/943,852
<151> 1992-09-11

<150> U.S. 07/853,606
<151> 1992-03-18

<150> U.S. 07/670,827
<151> 1991-03-18

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Val Ala Asn Pro Gln Ala Glu Gly Gln Leu Gln Trp Leu Asn Arg Arg
20 25 30
Ala Asn Ala Leu Leu Ala Asn Gly Val Glu Leu Arg Asp Asn Gln Leu
35 40 45
Val Val Pro Ser Glu Gly Leu Tyr Leu Ile Tyr Ser Gln Val Leu Phe
50 55 60
Lys Gly Gln Gly Cys Pro Ser Thr His Val Leu Leu Thr His Thr Ile
65 70 75 80
Ser Arg Ile Ala Val Ser Tyr Gln Thr Lys Val Asn Leu Leu Ser Ala
85 90 95
Ile Lys Ser Pro Cys Gln Arg Glu Thr Pro Glu Gly Ala Glu Ala Lys
100 105 110
Pro Trp Tyr Glu Pro Ile Tyr Leu Gly Gly Val Phe Gln Leu Glu Lys
115 120 125
Gly Asp Arg Leu Ser Ala Glu Ile Asn Arg Pro Asp Tyr Leu Asp Phe
130 135 140
Ala Glu Ser Gly Gln Val Tyr Phe Gly Ile Ile Ala Leu
145 150 155

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Asp Ile Leu Leu Thr Gln Ser Pro Ala Ile Leu Ser Val Ser Pro Gly
1 5 10 15
gaa aga gtc agt ttc tcc tgc agg gcc agt cag ttc gtt ggc tca agc 96
Glu Arg Val Ser Phe Ser Cys Arg Ala Ser Gln Phe Val Gly Ser Ser
20 25 30
atc cac tgg tat cag caa aga aca aat ggt tct cca agg ctt ctc ata 144
Ile His Trp Tyr Gln Gln Arg Thr Asn Gly Ser Pro Arg Leu Leu Ile
35 40 45
aag tat gct tct gag tct atg tct ggg atc cct tcc agg ttt agt ggc 192
Lys Tyr Ala Ser Glu Ser Met Ser Gly Ile Pro Ser Arg Phe Ser Gly
50 55 60
agt gga tca ggg aca gat ttt act ctt agc atc aac act gtg gag tct 240
Ser Gly Ser Gly Thr Asp Phe Thr Leu Ser Ile Asn Thr Val Glu Ser
65 70 75 80
gaa gat att gca gat tat tac tgt caa caa agt cat agc tgg cca ttc 288

Glu Asp Ile Ala Asp Tyr Tyr Cys Gln Gln Ser His Ser Trp Pro Phe .
 85 90 95

acg ttc ggc tcg ggg aca aat ttg gaa gta aaa
 Thr Phe Gly Ser Gly Thr Asn Leu Glu Val Lys
 100 105

<210> 3
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<213> Mus Balb/c

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Ile His Trp Tyr Gln Gln Arg Thr Asn Gly Ser Pro Arg Leu Leu Ile
   35          40          45
Lys Tyr Ala Ser Glu Ser Met Ser Gly Ile Pro Ser Arg Phe Ser Gly
   50          55          60
Ser Gly Ser Gly Thr Asp Phe Thr Leu Ser Ile Asn Thr Val Glu Ser
   65          70          75          80
Glu Asp Ile Ala Asp Tyr Tyr Cys Gln Gln Ser His Ser Trp Pro Phe
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Thr Phe Gly Ser Gly Thr Asn Leu Glu Val Lys
   100         105

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<220>
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   1           5           10          15

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tcc atg aaa ctc tcc tgt gtt gcc tct gga ttc att ttc agt aac cac 96
Ser Met Lys Leu Ser Cys Val Ala Ser Gly Phe Ile Phe Ser Asn His
20 25 30

tgg atg aac tgg gtc cgc cag tct cca gag aag ggg ctt gag tgg gtt 144
Trp Met Asn Trp Val Arg Gln Ser Pro Glu Lys Gly Leu Glu Trp Val
35 40 45

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gct gaa att aga tca aaa tct att aat tct gca aca cat tat gcg gag 192
Ala Glu Ile Arg Ser Lys Ser Ile Asn Ser Ala Thr His Tyr Ala Glu
      50          55          60

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tct gtg aaa ggg agg ttc acc atc tca aga gat gat tcc aaa agt gct 240

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65 70 75 80

gtc tac ctg caa atg acc gac tta aga act gaa gac act ggc gtt tat 288
Val Tyr Leu Gln Met Thr Asp Leu Arg Thr Glu Asp Thr Gly Val Tyr
85 90 95

tac tgt tcc agg aat tac tac ggt agt acc tac gac tac tgg ggc caa 336
Tyr Cys Ser Arg Asn Tyr Tyr Gly Ser Thr Tyr Asp Tyr Trp Gly Gln
100 105 110

ggc acc act ctc aca gtc tcc 357
Gly Thr Thr Leu Thr Val Ser
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Ser Met Lys Leu Ser Cys Val Ala Ser Gly Phe Ile Phe Ser Asn His
20 25 30
Trp Met Asn Trp Val Arg Gln Ser Pro Glu Lys Gly Leu Glu Trp Val
35 40 45
Ala Glu Ile Arg Ser Lys Ser Ile Asn Ser Ala Thr His Tyr Ala Glu
50 55 60
Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser Lys Ser Ala
65 70 75 80
Val Tyr Leu Gln Met Thr Asp Leu Arg Thr Glu Asp Thr Gly Val Tyr
85 90 95
Tyr Cys Ser Arg Asn Tyr Tyr Gly Ser Thr Tyr Asp Tyr Trp Gly Gln
100 105 110
Gly Thr Thr Leu Thr Val Ser
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<212> PRT
<213> Homo sapiens

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Gly Thr Leu Val Thr Val Ser Ser
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<210> 7
<211> 7
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<213> Homo sapiens

<400> 7
Gly Thr Lys Leu Glu Ile Lys

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<210> 8
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<400> 8
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A3
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<400> 10
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<400> 13
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<210> 14
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<210> 17

<211> 24
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<210> 18
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<400> 18
gtcgccagtgc ctccctt

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A3
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<400> 19
atcggacgtgc acgtgcaga

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<210> 20
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<223> Partial sequence of pHC707

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<213> Artificial Sequence

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<223> Partial sequence of pHC707

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<212> PRT

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<223> Partial sequence of pHC707

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A3

<210> 24

<211> 32

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